IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1-21. (canceled)

22. (new)   A communication device for transmitting and receiving data in a communication system, in which a random access channel is provided, said random access channel providing a plurality of access resources being divided in at least two access resource groups, each access resource group corresponding to a different access service class with a respective access probability, whereby said access resources of said random access channel are defined by time slots and signature codes, comprising:

selecting means for randomly selecting an access resource from an access resource group corresponding to the current access service class of the communication device;

transmitting means for transmitting a random access burst in said selected access resource; and

detecting means for detecting a specific event,

whereby said current access service class of the communication device is changed into another access service class when said specific event is detected by said detecting means.

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23. (new) The communication device according to claim 22, wherein, the access resources of the access resource group corresponding to the random access class having the highest random access probability are exclusively allocated to the access resource group.

24. (new) The communication device according to claim 22, wherein the access resources of each access resource group are exclusively allocated to their respective access resource group.

25. (new) The communication device according to claim 22, wherein some access resources are allocated to two or more access resource groups.

26. (new) The communication device according to claim 22, wherein rules according to which said current access service class is changed into another access service class are stored in a memory means.

27. (new) The communication device according to claim 26, wherein said memory means is part of a subscriber identity module.

28. (new) The communication device according to claim 22, wherein rules according to which said current access service class is changed into another access service class are received from another communication device.

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29.. (new) The communication device according to claim 22, wherein said specific event is the reception of a predetermined number of negative acknowledgment signals from another communication device after sending random access requests on said random access channel.

30. (new) The communication device according to claim 22, wherein said specific event is a time point.

31. (new) The communication device according to claim 22, wherein said current access service class is changed periodically.

32. (new) The communication device according to claim 22, wherein said communication system is a wireless UNITS telecommunication system.

33. (new) A communication method for a communication device of a communication system, in which a random access channel is provided, said random access channel providing a plurality of access resources being divided in at least two access resource groups, each access resource group corresponding to a different access service class with a respective access probability, whereby said access resources of said random access channel are defined by time slots and signature codes, comprising the steps of:

randomly selecting an access resource from an access resource group corresponding to the current access service class of the communication device, transmitting a random access burst in said selected access resource; and

detecting a specific event, whereby said current access service class of the

communication device is changed into another access service class when said specific

event is detected.

34. (new) The communication method according to claim 33, wherein the random

access resources of the access resource group corresponding to the random access class having

the highest random access probability are exclusively allocated to this access resource group.

35. (new) The communication method according to claim 33, wherein the

random access resources of each access resource group are exclusively allocated to their

respective access resource group.

36. (new) The communication method according to claim 33, wherein some

random access resources are allocated to two or more access resource groups.

37. (new) The communication method according to claim 33, wherein rules

according to which said current access service class is changed into another access service

class are stored in and read from a memory means.

38. (new) The communication method according to claim 33, wherein rules

according to which said current access service class is changed into another access service

class are transmitted from another communication device of the communication system.

39. (new) The communication method according to claim 33, wherein said specific event is the reception of a predetermined number of negative acknowledgment signals from another communication device after sending random access requests on said random access channel.

40. (new) The communication method according to claim 33, wherein said specific event is a time point.

41. (new) The communication method according to claim 40, wherein said current access service class is changed periodically.

42. (new) The communication method according to claim 33, wherein said communication system is a wireless UMTS telecommunication system.